





I-84; Echo Frontage Road, Bridge Replacement Project

Owner Perspective


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Presentation Outline



- Project Goals
- Project Overview
- Closure Limitations
- Schedule
- Partnering

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Project Goals





- Replace bridge
 - Utilize accelerated techniques
 - Minimize impact to public
 - Enhance economic benefit
 - Provide a safe project
- Try a new technology – GRS
- Meet schedule and budget

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Project Overview



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Project Overview



- Replace two bridges
 - Utilize GRS - 3 sections
 - Utilize lateral bridge slide
- Reconstruct county road under bridge
- Create parallel entrance ramp EB I-80 to WB I-84



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Limitations




- Bridge slide incentive/disincentive
 - Allowed one full weekend closure of EB I-84 up to 27 hours



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Closure Limitations



Duration	Incentive / Disincentive	Notes
< 26 hrs.	\$ 10,000/hr. incentive	2 hrs. maximum incentive
26 hrs. to 26 hrs. 59 min	\$ 0	
27 hrs. to 32 hrs. 59 min	\$ 2,500/hr. disincentive	
33 hrs. to 38 hrs. 59 min	\$ 5,000/hr. disincentive	
39 hrs. +	\$ 10,000/hr. disincentive	Disincentive is unlimited

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Schedule



- Project start
 - April 22, 2013
- GRS installation
 - Two abutment locations (three sections)
 - Late April (three weeks total time)
- Bridge slide (ready)
 - August 10
- Bridge slide (actual)
 - August 17
- Open to traffic
 - August 18
- Project complete
 - August 25



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Partnering



- Weekly coordination meetings
- Constant communication between owner and contractor



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Thank you



U.S. Department of Transportation
Federal Highway Administration



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